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|-----------------|----------|
| WEAR | NORMAL |
| CONTAMINATION | ABNORMAL |
| FLUID CONDITION | NORMAL |

Machine Id
VOLVO L260H 1290
Component
Front Axle
Fluid
TDH FLUID SAE 75W80 (--- GAL)

RECOMMENDATION

No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

Moderate concentration of visible dirt/debris present in the oil.

FLUID CONDITION

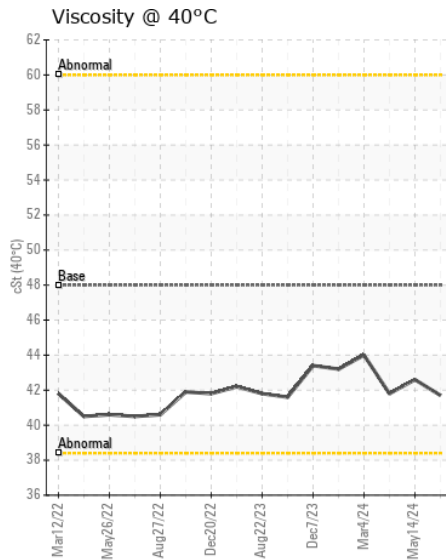
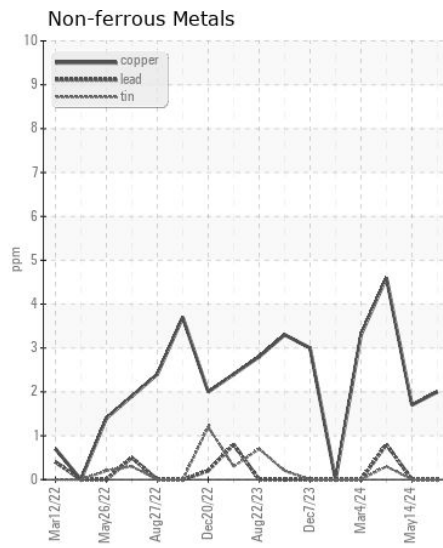
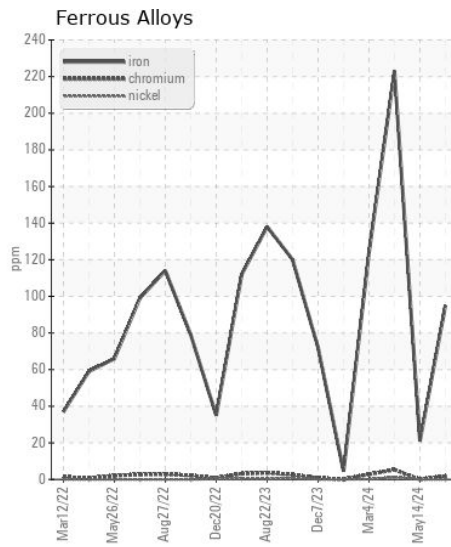
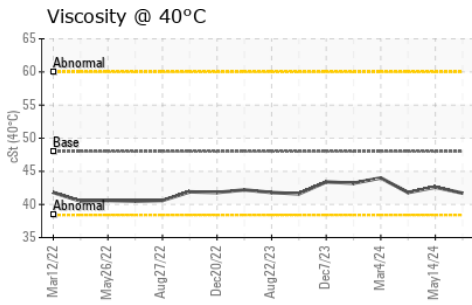
The condition of the oil is acceptable for the time in service.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|-------------|-------------|-------------|
| Sample Number | | Client Info | | ASC0011040 | ASC0011352 | ASC0010177 |
| Sample Date | | Client Info | | 20 Jun 2024 | 14 May 2024 | 10 Apr 2024 |
| Machine Age | hrs | Client Info | | 6883 | 6615 | 6351 |
| Oil Age | hrs | Client Info | | 1000 | 2615 | 1000 |
| Filter Age | hrs | Client Info | | 1000 | 1615 | 1000 |
| Oil Changed | | Client Info | | Changed | Not Changd | Not Changd |
| Filter Changed | | Client Info | | Changed | Not Changd | Not Changd |
| Sample Status | | | | ABNORMAL | NORMAL | NORMAL |

| | | | | | | |
|--------------|--------|-------------|------|------|------|------|
| Iron | ppm | ASTM D5185m | >500 | 95 | 21 | 223 |
| Chromium | ppm | ASTM D5185m | >10 | 2 | 0 | 5 |
| Nickel | ppm | ASTM D5185m | >10 | 0 | 0 | 1 |
| Titanium | ppm | ASTM D5185m | | 0 | 0 | <1 |
| Silver | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Aluminum | ppm | ASTM D5185m | >25 | <1 | <1 | 2 |
| Lead | ppm | ASTM D5185m | >25 | 0 | 0 | <1 |
| Copper | ppm | ASTM D5185m | >50 | 2 | 2 | 5 |
| Tin | ppm | ASTM D5185m | >10 | 0 | 0 | <1 |
| Vanadium | ppm | ASTM D5185m | | 0 | 0 | <1 |
| White Metal | scalar | *Visual | NONE | NONE | NONE | NONE |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | NONE |

| | | | | | | |
|------------------|--------|-------------|-------|---------|-------|-------|
| Silicon | ppm | ASTM D5185m | >75 | 8 | 10 | 17 |
| Potassium | ppm | ASTM D5185m | >20 | 2 | 0 | 3 |
| Water | | WC Method | >0.2 | NEG | NEG | NEG |
| Silt | scalar | *Visual | NONE | NONE | NONE | NONE |
| Debris | scalar | *Visual | NONE | ▲ MODER | NONE | NONE |
| Sand/Dirt | scalar | *Visual | NONE | NONE | NONE | NONE |
| Appearance | scalar | *Visual | NORML | NORML | NORML | NORML |
| Odor | scalar | *Visual | NORML | NORML | NORML | NORML |
| Emulsified Water | scalar | *Visual | >0.2 | NEG | NEG | NEG |

| | | | | | | |
|-------------|-----|-------------|------|------|------|------|
| Sodium | ppm | ASTM D5185m | | 4 | 2 | 6 |
| Boron | ppm | ASTM D5185m | 10 | 87 | 128 | 178 |
| Barium | ppm | ASTM D5185m | 10 | 0 | 0 | 0 |
| Molybdenum | ppm | ASTM D5185m | 10 | 2 | 2 | 7 |
| Manganese | ppm | ASTM D5185m | | 2 | <1 | 6 |
| Magnesium | ppm | ASTM D5185m | 100 | 13 | 20 | 28 |
| Calcium | ppm | ASTM D5185m | 3500 | 2670 | 3959 | 5033 |
| Phosphorus | ppm | ASTM D5185m | 1150 | 974 | 1279 | 1698 |
| Zinc | ppm | ASTM D5185m | 1150 | 1103 | 1526 | 2056 |
| Sulfur | ppm | ASTM D5185m | 5000 | 3630 | 4214 | 6619 |
| Visc @ 40°C | cSt | ASTM D445 | 48 | 41.7 | 42.6 | 41.8 |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : ASC0011040
Lab Number : 06220173
Unique Number : 11098370
Test Package : CONST
Received : 25 Jun 2024
Tested : 26 Jun 2024
Diagnosed : 27 Jun 2024 - Sean Felton

HANSON SOUTHEAST
 NC HWY 117
 ERWIN, NC
 US 28339
 Contact: Service Manager

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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